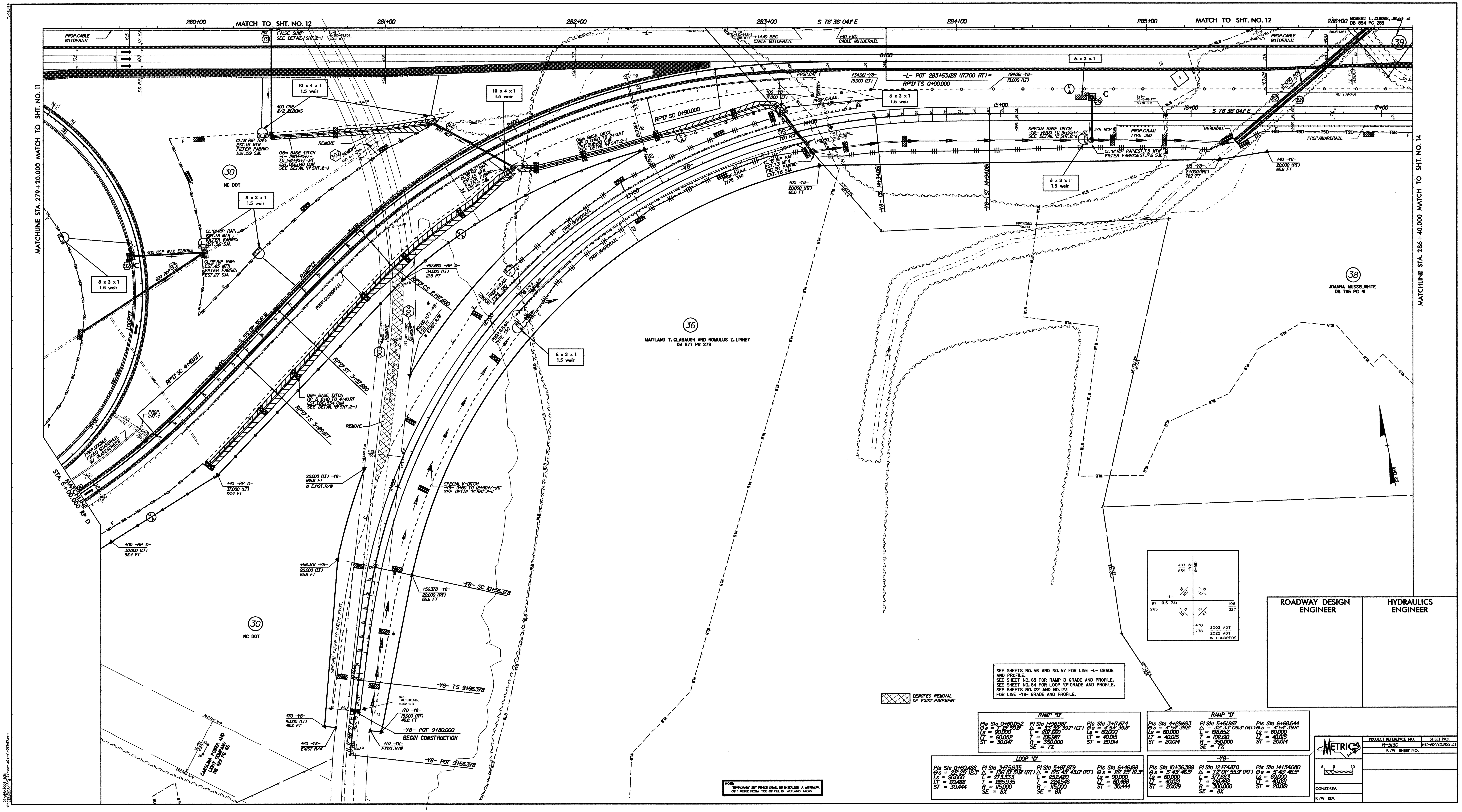

SEE SHEETS NO. 56 AND NO. 57 FOR LINE -L- GRADE AND PROFILE.
SEE SHEET NO. 83 FOR RAMP D GRADE AND PROFILE.
SEE SHEET NO. 84 FOR LOOP "D" GRADE AND PROFILE.
SEE SHEETS NO. 122 AND NO. 123 FOR LINE -Y8- GRADE AND PROFILE.

NOTE:
TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 1 METER FROM TOE OF FILL IN WETLAND AREAS

RAMP "D"

Pls Sta 0+60.052	PI Sta 1+96.987	Pls Sta 3+17.674
Θs = 7° 21' 59.8"	Δ = 33° 59' 39.7" (LT)	Θs = 4° 54' 39.8"
Ls = 90.000	L = 207.660	Ls = 60.000
LT = 60.052	T = 106.987	LT = 40.015
ST = 30.047	R = 350.000	ST = 20.014
	SE = 7%	

RAMP "D"

Pls Sta 4+29.693	PI Sta 5+51.867	Pls Sta 6+68.544
Θs = 4° 54' 39.8"	Δ = 32° 33' 09.3" (RT)	Θs = 4° 54' 39.8"
Ls = 60.000	L = 198.852	Ls = 60.000
LT = 40.015	T = 102.190	LT = 40.015
ST = 20.014	R = 350.000	ST = 20.014
	SE = 7%	

LOOP "D"

Pls Sta 0+60.488	PI Sta 3+75.935	PI Sta 5+87.879	Pls Sta 6+46.198
Θs = 22° 25' 12.3"	Δ = 136° 10' 51.9" (RT)	Δ = 125° 45' 43.0" (RT)	Θs = 22° 25' 12.3"
Ls = 90.000	L = 273.333	L = 252.420	Ls = 90.000
LT = 60.488	T = 285.935	T = 224.546	LT = 60.488
ST = 30.444	R = 115.000	R = 115.000	ST = 30.444
	SE = 8%	SE = 8%	

-Y8-

Pls Sta 10+36.399	PI Sta 12+74.870	Pls Sta 14+54.080
Θs = 5° 43' 46.5"	Δ = 72° 07' 55.9" (RT)	Θs = 5° 43' 46.5"
Ls = 60.000	L = 377.683	Ls = 60.000
LT = 40.021	T = 218.492	LT = 40.021
ST = 20.019	R = 300.000	ST = 20.019
	SE = 8%	

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-513C	EC-62/CONST.13
R/W SHEET NO.	

CONST.REV.

R/W REV.

7/06/99
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